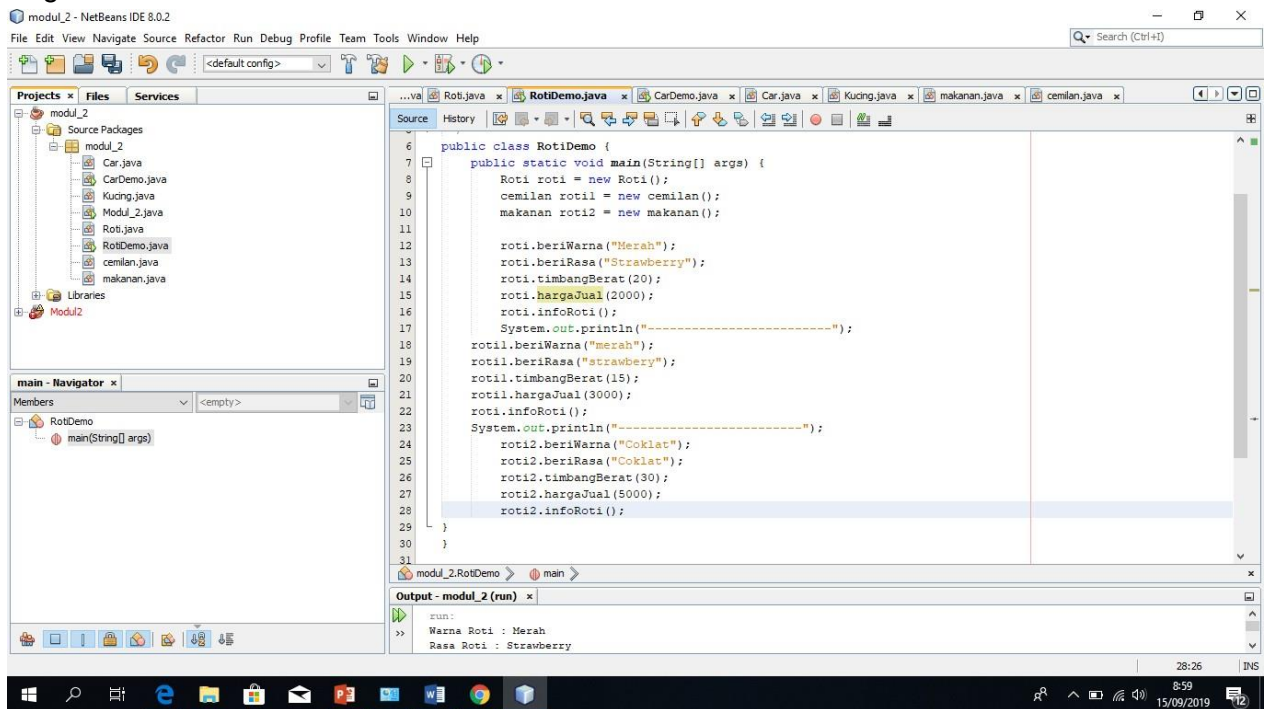


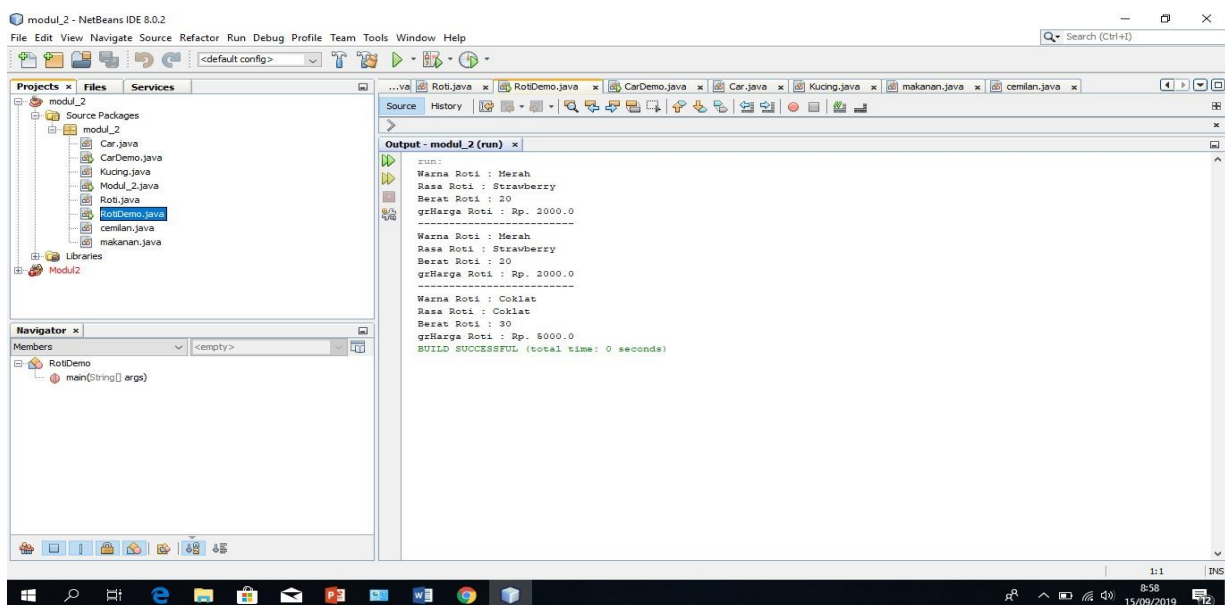
Nama : Muhammad Saiful Mujab
NIM : L200180139
Matkul : praktikum berbasis orientasi

Modul 2

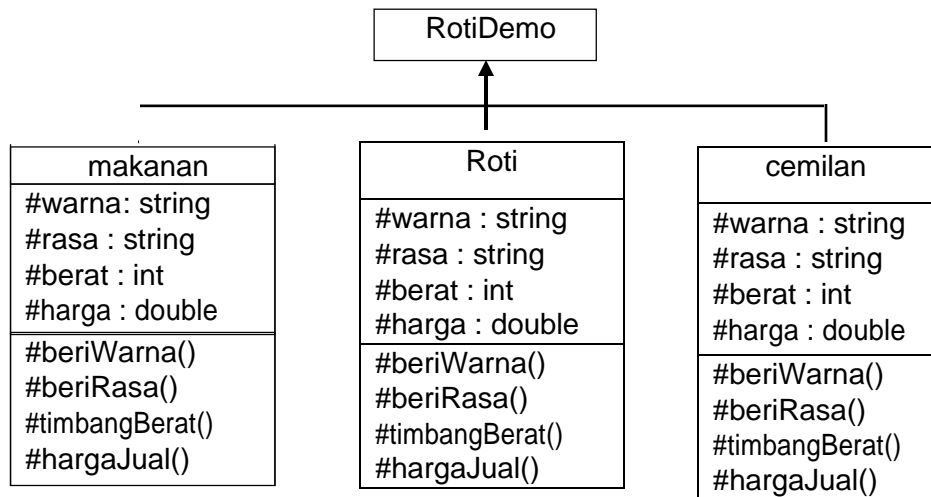
Kegiatan 1.



tampilan output:



Kegiatan 2.



Kegiatan 3.

The screenshot shows the Eclipse IDE interface. The **Package Explorer** on the left displays the project structure, including the **Modul2** package and its sub-packages. The **Editor** in the center shows the **Car.java** file, which contains the following code:

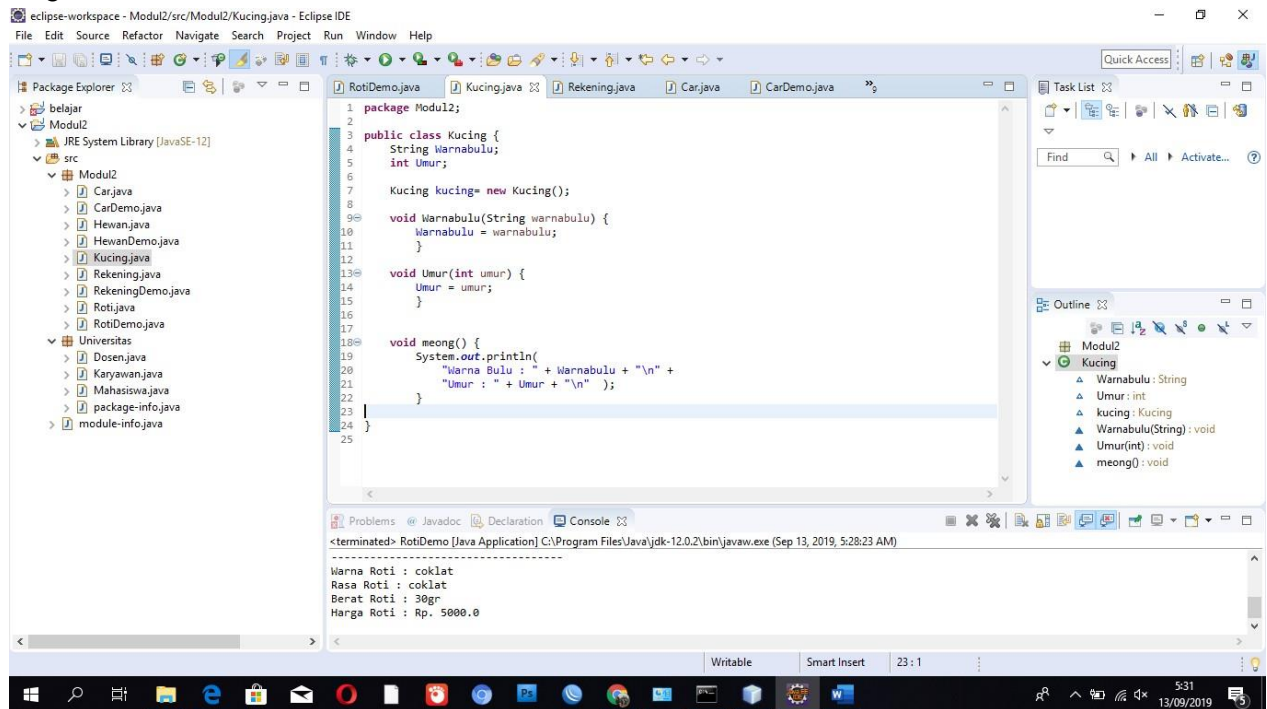
```
1 package Modul2;
2
3 public class Car {
4
5     int changeCadence;
6     int speedUp;
7     int changeGear;
8
9
10
11     void changeCadence(int changeCadence) {
12         changeCadence = changeCadence;
13     }
14
15     void speedUp(int speedUp) {
16         speedUp = speedUp;
17     }
18
19     void changeGear(int changeGear) {
20         changeGear = changeGear;
21     }
22
23     void printInfo() {
24         System.out.println(
25             "Gear : " + changeCadence + "\n" +
26             "Speed : " + speedUp + "\n" +
27             "Gear : " + changeGear);
28     }
29 }
```

The **Task List** on the right shows the tasks for the **Car** class, including **changeCadence: int**, **speedUp: int**, **changeGear: int**, **changeCadence(int): void**, **speedUp(int): void**, **changeGear(int): void**, and **printInfo(): void**.

The **Console** at the bottom shows the output of the application, which is terminated. The output is as follows:

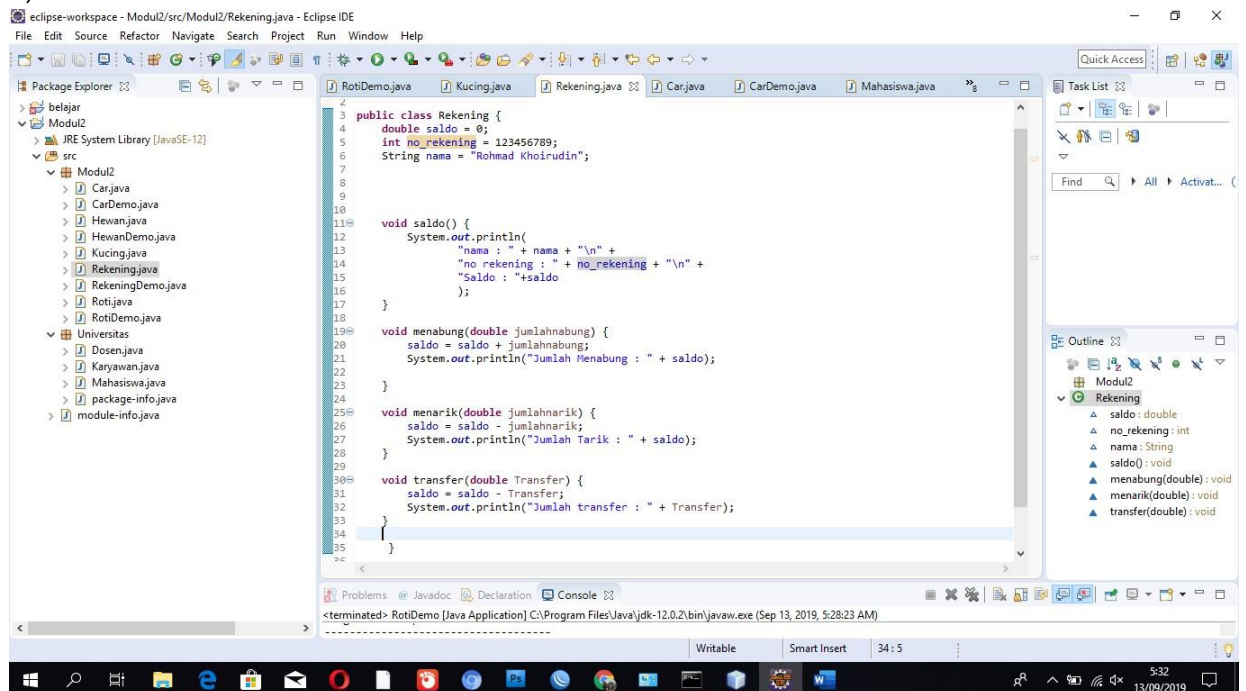
```
<terminated> RotiDemo [Java Application] C:\Program Files\Java\jdk-12.0.2\bin\javaw.exe (Sep 13, 2019, 5:28:23 AM)
Warna Roti : coklat
Rasa Roti : coklat
Berat Roti : 30gr
Harga Roti : Rp. 5000.0
```

Kegiatan 4.

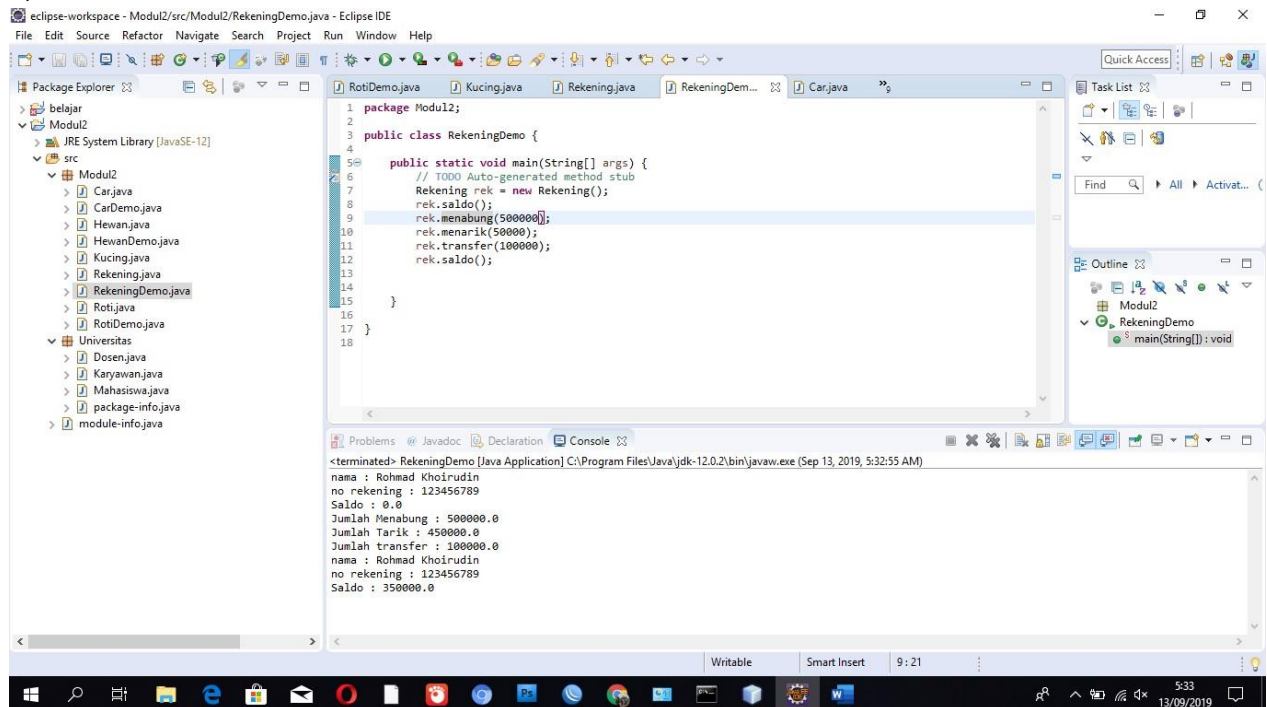


Kegiatan 5.

a).



b).



Kegiatan 6.

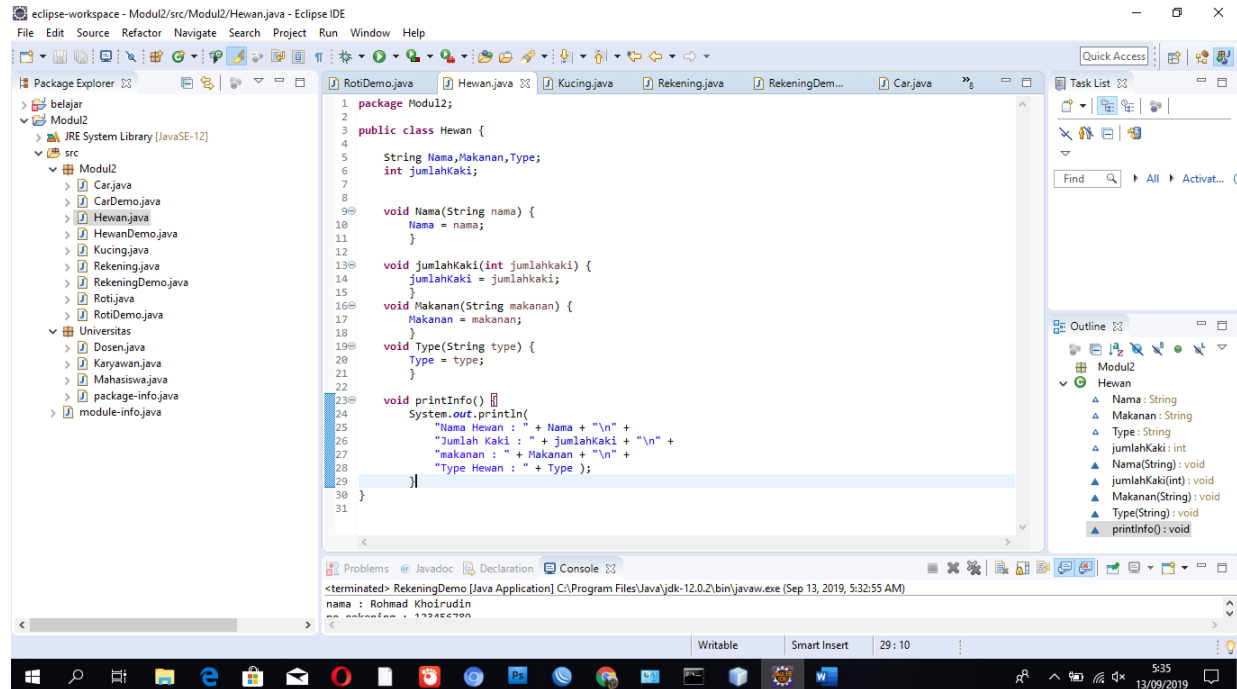
Berikut adalah daftar metode yang didukung oleh kelas String:

- Char charAt (int index)
- int compareTo (Object o)
- int compareTo (String anotherString)
- int compareToIgnoreCase (String str)
- String concat (String str)
- contentEquals boolean (StringBuffer sb)
- statis String copyValueOf (char [] data)
- statis String copyValueOf (char [] data, int offset, int count)
- boolean endsWith (String suffix)
- boolean equals (Object anObject)
- boolean equalsIgnoreCase (String anotherString):
- getBytes byte ()
- byte [] getBytes (String charsetName)
- int hashCode()
- int indexOf (int ch)

- int indexOf (int ch, int fromIndex)
- int indexOf (String str)
- int indexOf (String str, int fromIndex)
- String intern ()
- int lastIndexOf (int ch)
- int lastIndexOf (int ch, int fromIndex)
- int lastIndexOf (String str)
- int panjang ()
- String [] split (String regex)
- String [] split (String regex, batas int)
- boolean startsWith (String prefix, int toffset)
- String substring (int beginIndex)
- String substring (int beginIndex, int endIndex)
- char di [] toCharArray ()
- String toLowerCase ()
- String toLowerCase (lokal Lokal)
- String toString ()
- String toUpperCase ()
- String toUpperCase (lokal Lokal)
- String lis ()
- statis String valueOf (primitif tipe data x)

Pekerjaan Rumah

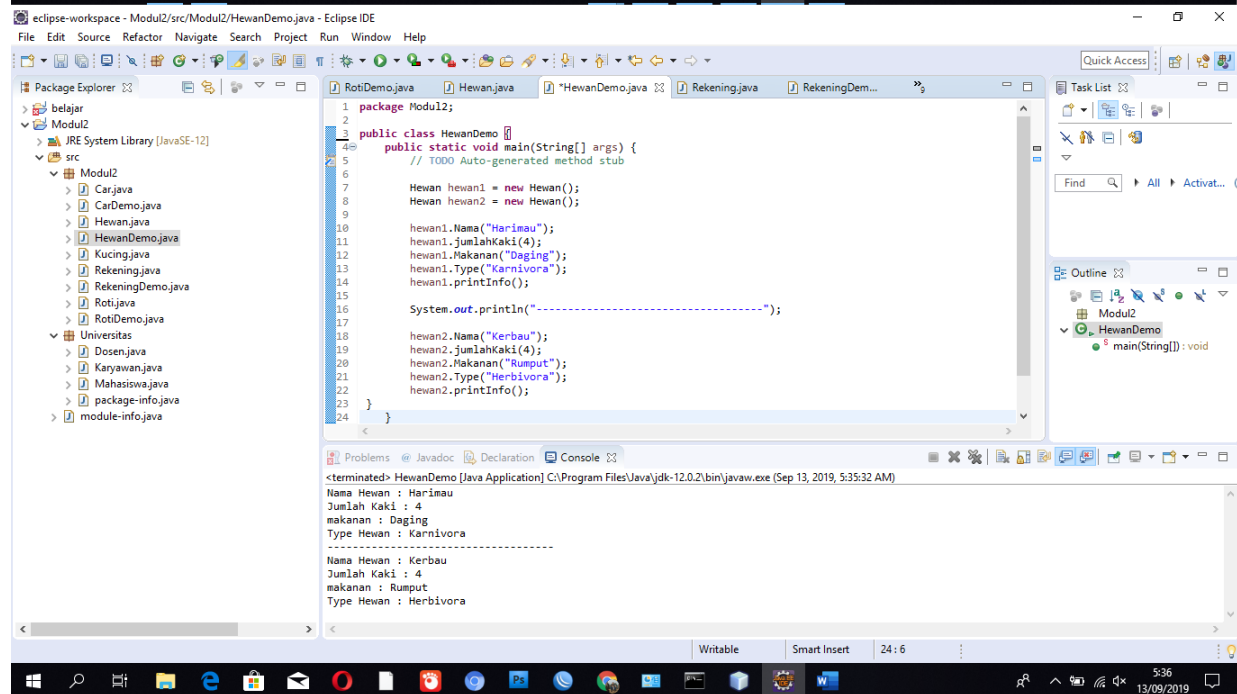
1).



```
1 package Modul2;
2
3 public class Hewan {
4
5     String Nama,Makanan,Type;
6     int jumlahKaki;
7
8
9     void Nama(String nama) {
10         Nama = nama;
11     }
12
13     void jumlahKaki(int jumlahKaki) {
14         jumlahKaki = jumlahKaki;
15     }
16     void Makanan(String makanan) {
17         Makanan = makanan;
18     }
19     void Type(String type) {
20         Type = type;
21     }
22
23     void printInfo() {
24         System.out.println(
25             "Nama Hewan : " + Nama + "\n" +
26             "Jumlah Kaki : " + jumlahKaki + "\n" +
27             "makanan : " + Makanan + "\n" +
28             "Type Hewan : " + Type );
29     }
30 }
31
```

Console Output:

```
<terminated> RekeningDemo [Java Application] C:\Program Files\Java\jdk-12.0.2\bin\javaw.exe (Sep 13, 2019, 5:32:55 AM)
nama : Rohmad Khoirudin
makanan : 123456789
```



```
1 package Modul2;
2
3 public class HewanDemo {
4     public static void main(String[] args) {
5         // TODO Auto-generated method stub
6
7         Hewan hewan1 = new Hewan();
8         Hewan hewan2 = new Hewan();
9
10        hewan1.Nama("Harimau");
11        hewan1.jumlahKaki(4);
12        hewan1.Makanan("Daging");
13        hewan1.Type("Karnivora");
14        hewan1.printInfo();
15
16        System.out.println("-----");
17
18        hewan2.Nama("Kerbau");
19        hewan2.jumlahKaki(4);
20        hewan2.Makanan("Rumput");
21        hewan2.Type("Herbivora");
22        hewan2.printInfo();
23    }
24 }

```

Console Output:

```
<terminated> HewanDemo [Java Application] C:\Program Files\Java\jdk-12.0.2\bin\javaw.exe (Sep 13, 2019, 5:35:32 AM)
Nama Hewan : Harimau
Jumlah Kaki : 4
makanan : Daging
Type Hewan : Karnivora
-----
Nama Hewan : Kerbau
Jumlah Kaki : 4
makanan : Rumput
Type Hewan : Herbivora
```


2).

